



| Comment<br>翠绿贴片LED  | Description<br>翠绿贴片LED  | Designator<br>3V3, 5V, 12V, RUN  | Footprint<br>LEDC1608(0603)-L | LibRef<br>LED Chip Green  | Quantity |
|---|---|--|-------------------------------|---------------------------|----------|
|   | 贴片电解电容 100uF  |  |                               | E-S 100uF 35V             |          |
| 100uF 35V 铝电解   | 35V 6.3x7.7<br>贴片瓷片电容:  | C1   | CAP-E-S 6.3                   | 6.3x7.7                   |          |
| 4.7uF 35V X5R   | MLCC; 1206(3216);   | C2   | CAPC3216[1206]S               | 4.7uF 1206 35V X5R        |          |
| 100nF 50V X7R   | 贴片瓷片电容;<br>MLCC; 0603(1608);  | C3, C5, C8   | CAPC1608[0603]S-N             | 100nF 0603 50V X7R        | :        |
| 4.7nF 50V X7R   | 贴片瓷片电容;<br>MLCC; 0402(1005);  | C4   | CAPC1005[0402]S-N             | 4.7nF 0402 50V X7R        |          |
| 47uF 25V X5R  | 贴片瓷片电容;<br>MLCC; 1206(3216);  | C6   | CAPC3216[1206]S               | 47uF 1206 25V X5R         | -        |
| 220uF 25V 铝电解   | 贴片电解电容 220uF<br>25V 6.3x7.7   | C7   | CAP-E-S 6.3                   | E-S 220uF 25V<br>6.3x7.7  |          |
| 22uF 25V X5R  | 贴片瓷片电容;   | C9, C13, C15, C19,   | CAPC2012[0805]S-N             | 22uF 0805 25V X5R         | -        |
| 100nF 16V X7R   | MLCC; 0805(2012);<br>贴片瓷片电容;<br>MLCC; 0402(1005);                       | C41, C43, C45<br>C10, C12, C14, C16,<br>C18, C20, C21, C26,<br>C27, C28, C29, C30,<br>C31, C33, C34, C35,<br>C36 | CAPC1005[0402]S-N             | 100nF 0402 16V X7R        | 1        |
| 220pF 50V X7R   | 贴片瓷片电容;<br>MLCC; 0402(1005);  | C11, C17   | CAPC1005[0402]S-N             | 220pF 0402 50V X7R        | :        |
| 10nF 50V X7R  | 贴片瓷片电容;<br>MLCC; 0402(1005);  | C22, C23, C24, C25   | CAPC1005[0402]S-N             | 10nF 0402 50V X7R         | 4        |
| 1uF 16V X5R   | 贴片瓷片电容;<br>MLCC; 0402(1005);  | C32  | CAPC1005[0402]S-N             | 1uF 0402 16V X5R          | ,        |
| 470uF 35V 聚合物固  | 直插固态电容 470uF  | C37, C38, C39  | Cap-S-D 3.5-8x14              | S-D 470uF 35V 8x14        | :        |
| 态<br>10uF 25V X5R   | 35V 8x14<br>贴片瓷片电容:<br>MLCC; 0805(2012);                                | C40, C42, C44  | CAPC2012[0805]S-N             | 10uF 0805 25V X5R         | ;        |
| Header 3  | Header, 6-Pin   | Ctl  | ZH1.5-6P-SH                   | Header 6                  |          |
| SS54  | SS54 肖特基二极管<br>1N5819HW 肖特基二  | D1   | SMA-L[DO-214AC]               | SS54                      |          |
| 1N5819HW  | 极管<br>TRANSIENT   | D2, D6, D7, D8   | SOD-123-L                     | 1N5819HW                  | 4        |
| SMDJ26CA  | VOLTAGE<br>SUPPRESSOR DIODE   | D3, D4, D5   | SMC[DO-214AB]-Bi              | Diode TVS Bi-Dir          | ;        |
| KF/WJ/DG 30x<br>connecter                                 | 接线端子 2Pin   | DCIN   | KF/WJ/DG 301-2p-<br>5.0mm     | KF/WJ/DG 30x              |          |
| 蓝色贴片LED   | 蓝色贴片LED   | EN   | LEDC1608(0603)-L              | LED Chip Blue             |          |
| SW-SPDT   | 单刀双掷开关 3脚船型、钮子、拨动开关<br>SPDT Subminiature<br>Toggle Switch               | ENABLE   | SS12D10                       | SW-SPDT                   |          |
| 黄色贴片LED   | 黄色贴片LED   | ERR  | LEDC1608(0603)-L              | LED Chip Yellow           |          |
| Header 2  | Header, 6-Pin   | FeedBack   | ZH1.5-6P-SH                   | Header 6                  |          |
| Header 1  | Header, 6-Pin   | Hall   | ZH1.5-6P-SH                   | Header 6<br>Ind-Power     |          |
| 4.7uH 5A<br>4.7uH 2A                                      | <u>功率电感</u><br>功率电感   | L1<br>L2, L3   | SLO2520<br>SLO2520            | Ind-Power                 |          |
| KF/WJ/DG 30x  | 接线端子 3Pin   | P2   | KF/WJ/DG 301-3p-<br>5.0mm     | KF/WJ/DG 30x-3P           |          |
| BSC014N04LS   | 英飞凌 N沟 MOS  | Q1, Q2, Q3, Q4, Q5,<br>Q6, Q7, Q8, Q9, Q10,  |                               | BSC014N04LS               | 1:       |
| 200K ±1%  | 8上十 由 四   | Q11, Q12<br>R1   | RESC1005[0402]S-N             | Res-Chip_10               |          |
| 200K ± 1%<br>20K ±1%                                      | 贴片电阻<br>贴片电阻  | R2, R53  | RESC1005[0402]S-N             | Res-Chip_10<br>Res-Chip_7 |          |
| 140K ±1%  | 贴片电阻  | R3   | RESC1005[0402]S-N             | Res-Chip_11               |          |
| 10K ±1%   | 贴片电阻  | R4, R6, R8, R9, R38,<br>R45, R46, R47, R51,<br>R60, R62, R64, R66,<br>R68, R70, R72, R74,<br>R76, R78, R80, R82  | RESC1005[0402]S-N             | Res-Chip_1                | 2        |
| 73.2K ±1%   | 贴片电阻  | R5   | RESC1005[0402]S-N             | Res-Chip_8                |          |
| 45.3K ±1%   | 贴片电阻  | R7   | RESC1005[0402]S-N             | Res-Chip_12               |          |
| 100K ±1%  | 贴片电阻  | R10  | RESC1005[0402]S-N             | Res-Chip_9                | -        |
| 100R ±1%  | 贴片电阻  | R11, R16, R17, R18,<br>R19, R48, R52, R59,<br>R61, R63, R65, R67,<br>R69   | RESC1005[0402]S-N             | Res-Chip_5                | 1        |
| 4.7K ±1%  | 贴片电阻  | R12, R13, R14, R15,<br>R54   | RESC1005[0402]S-N             | Res-Chip_4                | !        |
| 150K ±1%  | 贴片电阻  | R20, R25, R26, R29,<br>R34, R37, R39, R42  | RESC1005[0402]S-N             | Res-Chip_13               |          |
| 1K ±1%  | 贴片电阻  | R21, R22, R23, R24,<br>R27, R28, R30, R31,<br>R32, R33, R35, R36,<br>R40, R41, R43, R44,<br>R55, R56, R57, R58   | RESC1005[0402]S-N             | Res-Chip_6                | 2        |
|   | 贴片电阻  | R49  | RESC1005[0402]S-N             | Res-Chip_15               |          |
| 15K ±1%   | 贴片电阻  | R50  | RESC1005[0402]S-N             | Res-Chip_14               |          |
|   | 1   | R71, R73, R75, R77,  | RESC1608[0603]S-N             | Res-Chip_16               |          |
| 51K ±1%   | 贴片电阻  | R79, R81   |                               | Res-Chip_17               |          |
| 51K ±1%<br>4.7R ±1%                                       | 贴片电阻  | R83, R84, R85, R86   | RESC6332[2512]S               | RC3-CHIP_17               |          |
| 15K ± 1%<br>51K ± 1%<br>4.7R ± 1%<br>2mR ± 1%<br>Header 4 | 贴片电阻<br>Header, 6-Pin   | R83, R84, R85, R86<br>Status   | ZH1.5-6P-SH                   | Header 6                  |          |
| 51K ±1%<br>4.7R ±1%<br>2mR ±1%                            | 贴片电阻<br>Header, 6-Pin<br>SP1N28STER                                     | R83, R84, R85, R86   |                               |                           |          |
| 51K ±1%<br>4.7R ±1%<br>2mR ±1%<br>Header 4                | 贴片电阻<br>Header, 6-Pin<br>SP1N28STER<br>18V 2A 1MHz<br>Synchronous Step- | R83, R84, R85, R86<br>Status   | ZH1.5-6P-SH                   | Header 6                  |          |
| 51K ±1%<br>4.7R ±1%<br>2mR ±1%<br>Header 4<br>SP1N28STER  | 贴片电阻<br>Header, 6-Pin<br>SP1N28STER<br>18V 2A 1MHz                      | R83, R84, R85, R86<br>Status<br>U1   | ZH1.5-6P-SH<br>SOP-8E         | Header 6<br>SP1N28STER    |          |